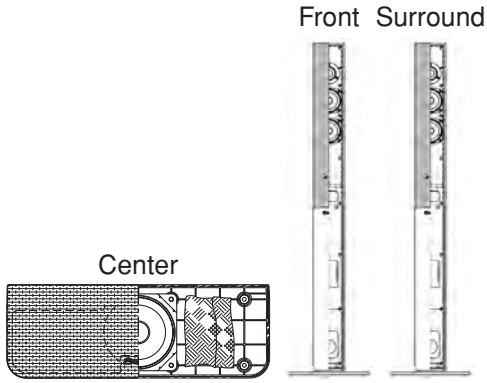
Pioneer sound.vision.soul

Service Manual



ORDER NO.
RRV3378

SPEAKER SYSTEM

S-ST606 XTW/WL5

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.
Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING

This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 – Proposition 65

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T – ZZS MAR. 2006 Printed in Japan

1. FOR PRECAUTION OF REASSEMBLY AND DISASSEMBLY

1.1 CS Assy (Front, Surround)

● **GRILLE**

The grille is attached to the cabinet by its bosses applied with adhesive.
To detach it, pry it open by inserting a flat blade screwdriver into lower right and lower left slot.
To attach it, apply adhesive to the holes on the baffle. Then press it to the baffle.

CAUTION

In order to prevent the bosses of the grill breaking, be sure to insert a flat blade screwdriver from just beside of its bosses. Refer to the drawing (page 4).

● **WOOFER**

The woofer is attached to the baffle by 4 external screws.
To detach it, unfasten those screws.
To detach it, first remove the grille. Then remove the screws.
When attaching it, face its terminal upward.

● **TWEETER**

The tweeter is attached to the baffle by 3 external screws.
To detach it, unfasten those screws.
To detach it, first remove the grille. Then remove the screws.
When attaching it, face its terminal leftward or rightward.

1.2 CS Assy (Center)

● **GRILLE**

The grille assy is attached to the cabinet by 8 external screws.
To detach it ,unfasten those screws.

● **SPEAKER UNIT**

The speaker unit, together with the grille assy, is attached to the cabinet by 4 external screws.
To detach it, first remove the grille assy. Next remove the cabinet. Then remove the cable.
When attaching it, face its terminal toward the input terminal.

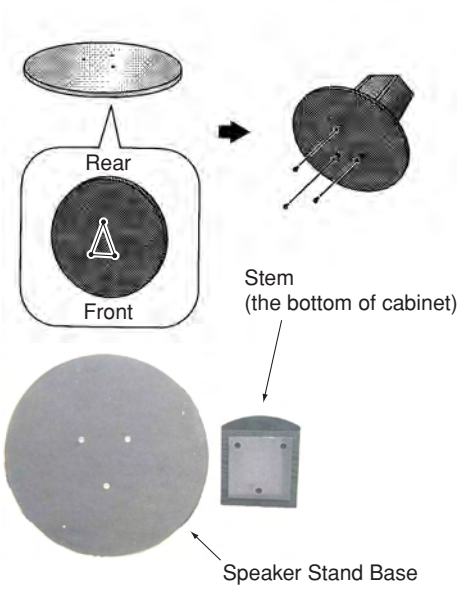
● **COSMETIC PANEL**

The cosmetic panel is attached to the baffle by its bosses.
To detach it, pry it open by inserting a flat blade screwdriver into lower slot.
To detach it, first remove the speaker stand base and grille. Then remove the cosmetic panel.
When attaching it, fit the boss into the hole on the baffle.

● **SPEAKER STAND BASES**

The speaker stand base is attached to the bottom of cabinet by 3 external screws.
To detach it, unfasten those screws.

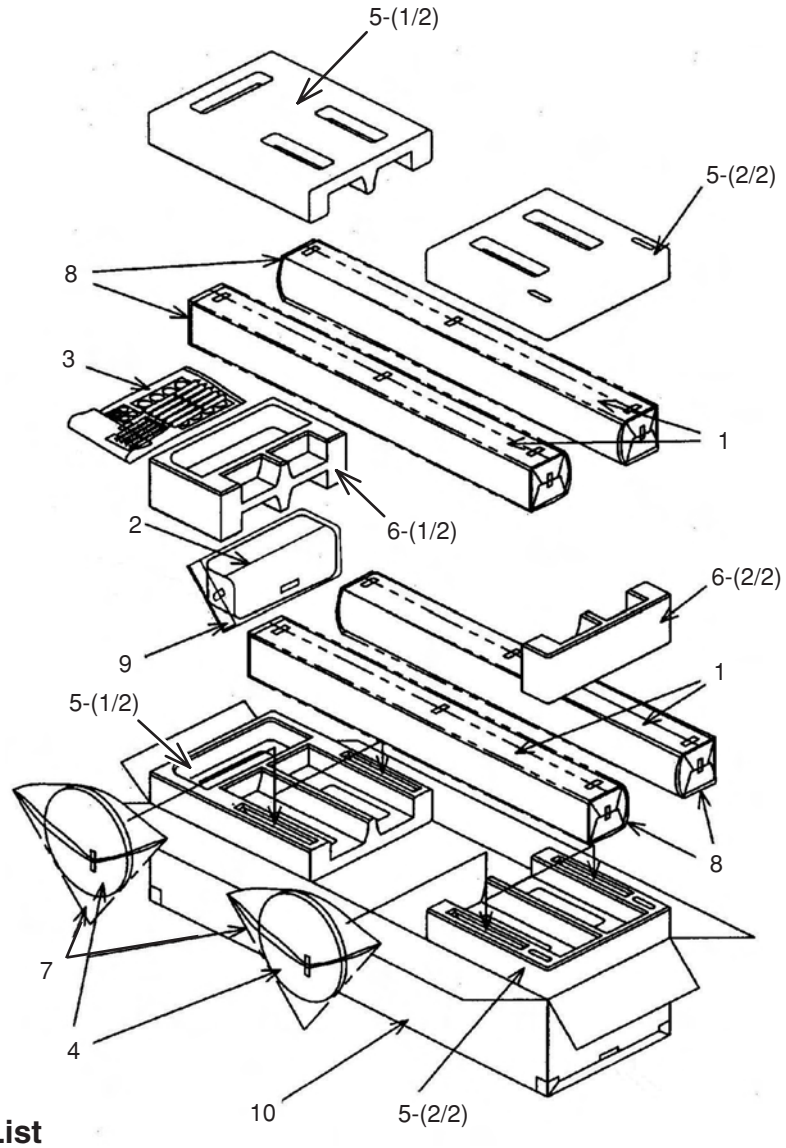
Attach the speaker stand bases to the stems using the screws provided. Once you have aligned the stem and base, secure with the small screws at the points shown below. Note that the speaker should face in the direction of the base of the isosceles triangle (outlined below).



2. PARTS LIST

NOTES: ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*

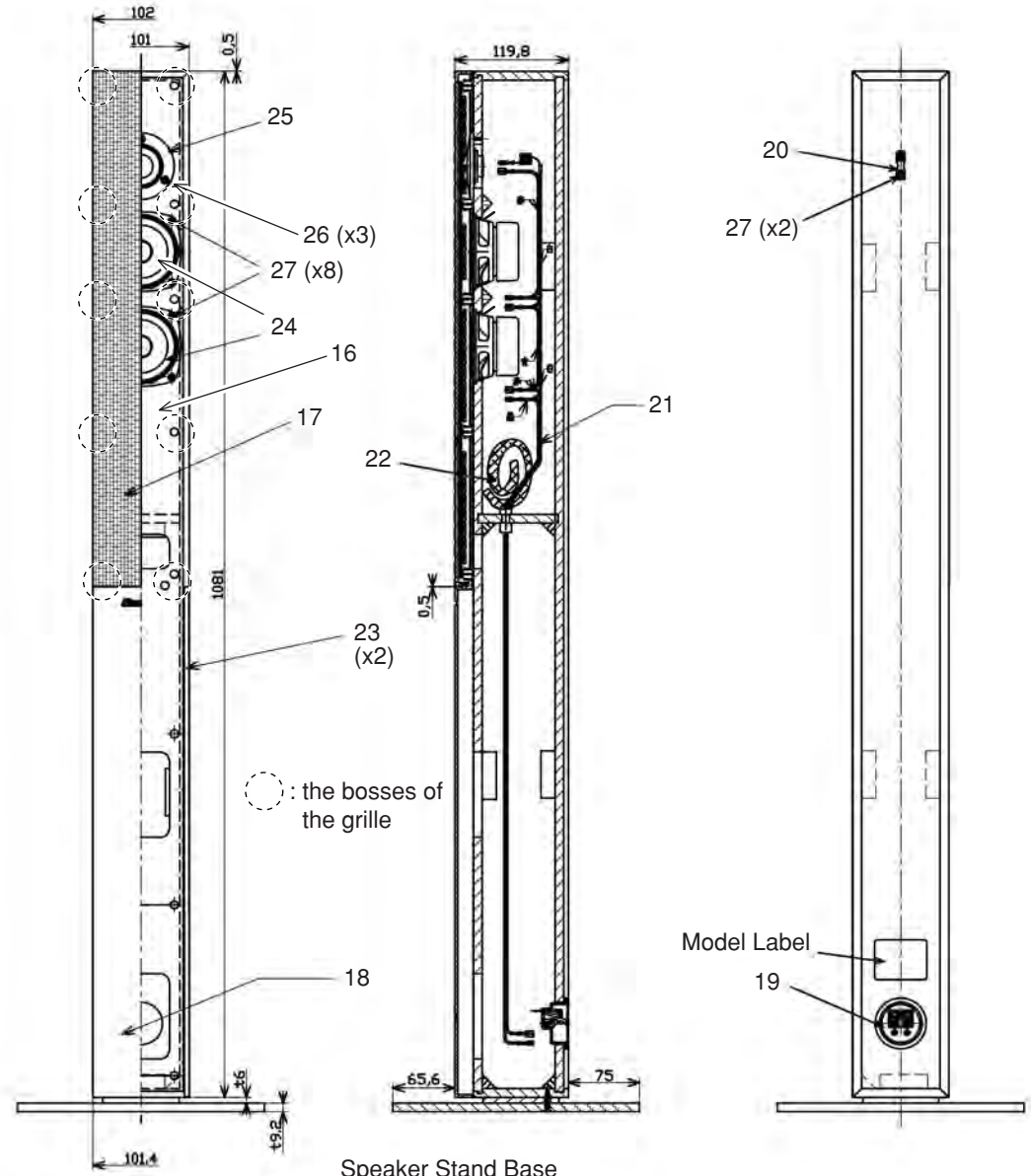
2.1 PACKING

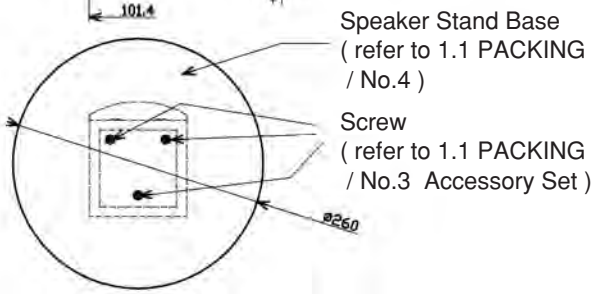


PACKING Parts List

Mark	No.	Description	Part No.
NSP	1	CS Assy (Front, Surround)	SMW6198
NSP	2	CS Assy (Center)	SMW1931
NSP	3	Accessory Set	SME6089
		├ Speaker Wire (FL: White)	SDS1174
		├ Speaker Wire (FR: Red)	SDS1175
		├ Speaker Wire (SL: Blue)	SDS1176
		├ Speaker Wire (SR: Gray)	SDS1177
		├ Speaker Wire (C: Green)	SDS1178
NSP		├ Screw Set	SME6071
		│ ├ Screw	CYC40P250FTC
		│ └ Polyethylene Bag S0	SHL1314
		├ Non Skid Pad (for Front Speaker)	SEP6014
		├ Non Skid Pad (for Center Speaker)	SEP6017
		├ Non Skid Pad (for Sub Woofer)	SEC2070
		└ Polyethylene Bag	SHL1251
	4	Speaker Stand Base	SMS6027
	5	Protector	SHA6110
	6	Protector (Middle)	SHA6111
	7	Protection Sheet	SHC6051
	8	Protection Sheet	SHC6052
	9	Polyethylene Bag S2	SHL1417
	10	Packing Case	SHG6218
NSP		Model Label (FL)	SAN6360
NSP		Model Label (FR)	SAN6361
NSP		Model Label (SL)	SAN6362
NSP		Model Label (SR)	SAN6363
NSP		Model Label (C)	SAN6364

2.2 CS Assy (Front, Surround)

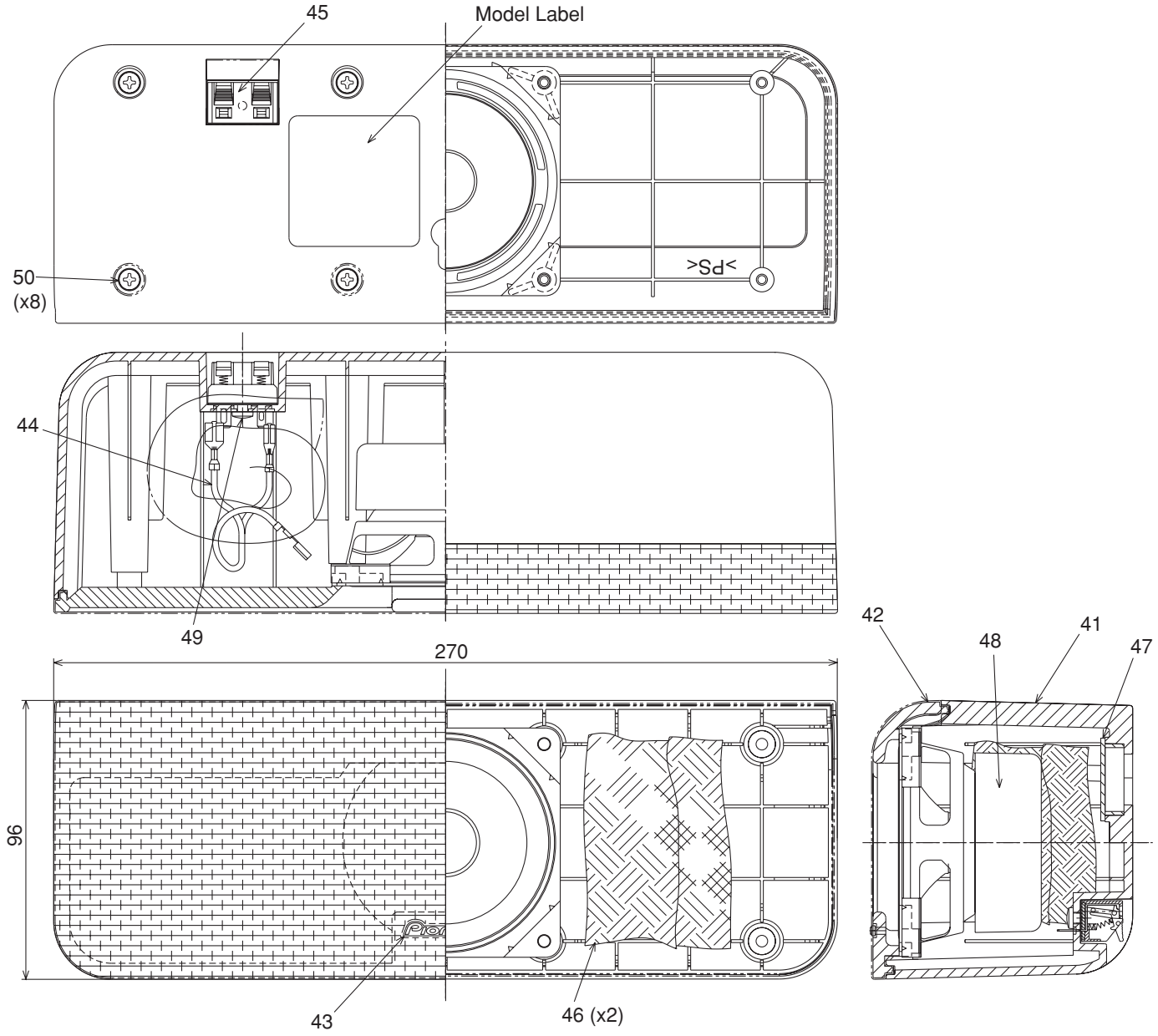




CS Assy (Front, Surround) Parts List

Mark	No.	Description	Part No.
NSP	16	Cabinet	SMM6043
	17	Grille	SMG6109
NSP		├ Grille Cloth	SAS6068
NSP		└ Grille Frame	SMH6017
	18	Cosmetic Plate Assy	SXB6004
NSP		├ Badge	SAM1507
NSP		└ Cosmetic Plate	SNK6131
	19	Input Terminal	SKX1060
	20	Fastener	SNB1073
	21	Network Assy	SWN6020
NSP	22	Acoustic Absorbent	SMT6015
NSP	23	Packing	SEC6083
	24	Speaker (Woofer)	K77DC55-51F
	25	Speaker (Tweeter)	FK26AP32-51F
	26	Screw (for Tweeter)	BYC35P160FTB
	27	Screw (for Woofer, Fastener)	BYC35P120FTB

2.3 CS Assy (Center)

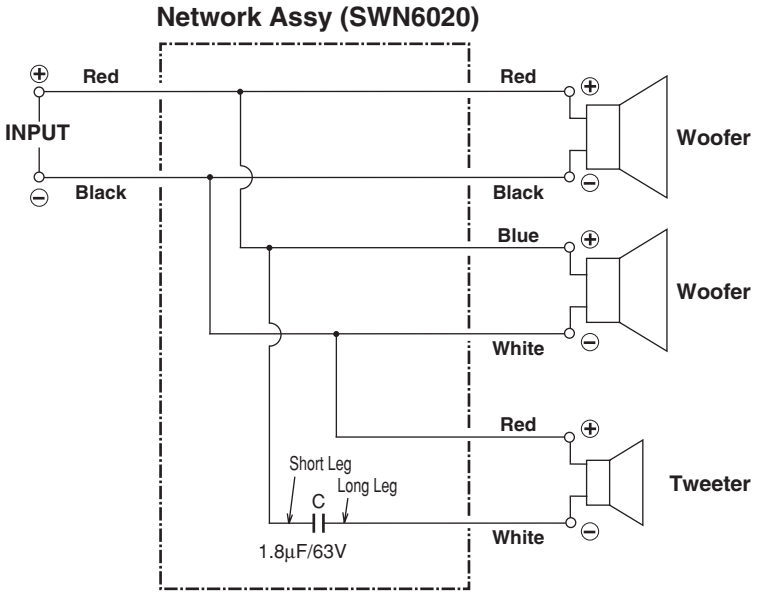


CS Assy (Center) Parts List

Mark	No.	Description	Part No.
NSP	41	Cabinet	SNK2925
	42	Grille	SMG1868
NSP	43	├ Badge 28	SAM1506
NSP		├ Grille Cloth	SAS1607
NSP		└ Baffle	SNK2926
	44	Connecting Cord	SDD1345
	45	Input Terminal	SKX1096
NSP	46	Acoustic Absorbent (White)	SMT1293
NSP	47	Plastic Cap	SNK2790
	48	Speaker	K77DC55-51C
	49	Screw (for Input Terminal)	BPZ35P080FTC
	50	Screw (for Cabinet)	BPZ35P120FTB

3. SCHEMATIC DIAGRAM

3.1 CS Assy (Front, Surround)



3.2 CS Assy (Center)